

Chester Rural District Council

Annual Report

of the

MEDICAL OFFICER OF HEALTH

(DR. W. A. POLLITT, M.R.C.S., L.R.C.P., D.P.H.)

and the

CHIEF PUBLIC HEALTH INSPECTOR

(E. CLARKSON, M.A.P.H.I.)

FOR THE YEAR

1970

ANNUAL REPORT

OF THE MEDICAL OFFICER OF HEALTH FOR THE CHESTER RURAL DISTRICT FOR THE YEAR 1970

TO THE CHAIRMAN AND MEMBERS OF THE COUNCIL.

Madam Chairman, Ladies and Gentlemen,

I have pleasure in submitting the Annual Report on the health and sanitary condition of the Chester Rural District for the year 1970.

The adjusted birth rate has continued to fall and is now 15.29 compared with a rate of 16.95 for the year 1969. The birth rate of England and Wales has also shown a trend in the same direction and is now 16.0 per 1,000 live births. The adjusted death rate is 10.47 compared with 8.81 for 1969. The death rate for England and Wales is 11.7 per 1,000 of the population. There were no maternal deaths during the year.

As there will no longer be a report on the personal health services provided in the Borough by the divisional health service, I consider it appropriate to mention activities, some existing, but modified to meet changing conditions, and some new activities which affect the health of the public.

Measles vaccination, which was introduced, and later withdrawn for modification of the vaccine, has been re-introduced in the last quarter of the year. There has been an encouraging response from parents to have their children protected. Unfortunately, as the statistics indicate, too late to prevent what has been an outbreak of epidemic proportions, during the Winter of 1969-70.

Protection is now being offered against German Measles (Rubella) to senior school girls in their twelfth year. It is also proposed to take blood specimens from female teachers, on a voluntary basis, to see whether they are susceptible to German Measles, and if so, to offer facilities for vaccination. This is planned to take place in the Autumn of 1971.

The role of the child welfare clinic is altering. It is now assessing the continuous development of the young child with a programme of examinations carried out at intervals during the pre-school phase. Medical and nursing staff are being re-trained to apply these new techniques. At the same time as these assessments are being made the children are also having

screening tests for hearing ability and congenital abnormalities and a full programme of immunisation is carried out. Included in this programme is immunisation against small-pox, diphtheria, whooping-cough, tetanus, measles and poliomyelitis. In later school life, there are two further immunisations:

1. Against tuberculosis.
2. For girls, against German Measles.

This being the last Annual Report with which I will be associated, I wish to place on record, the co-operation, advice and assistance which I have received from all Chief Officers and Departments of the Council. I wish to thank also the several Chairmen of the Health Committees for their guidance, and all members of the Department.

I am, Ladies and Gentlemen,

Yours faithfully,

W. A. POLLITT,

Medical Officer of Health.

CHESTER RURAL DISTRICT COUNCIL

Chairman of the Public Health Committee:

MRS. E. TAYLOR

PUBLIC HEALTH DEPARTMENT STAFF

Medical Officer of Health:

DR. W. A. POLLITT, M.R.C.S., L.R.C.P., D.P.H.

Chief Public Health Inspector:

E. CLARKSON, M.A.P.H.I.

Deputy Chief Public Health Inspector:

W. M. COBDEN, M.A.P.H.I.

Additional Public Health Inspectors:

D. F. SWEETING, M.A.P.H.I.

J. H. BRUCE, M.A.P.H.I.

Clerk:

MRS. S. WILLIAMS

Shorthand Typist-Clerk:

MISS K. P. ROLFE

GENERAL PROVISIONS OF HEALTH SERVICES

Laboratory Facilities

The Public Health Laboratory Service has a District Laboratory available in Chester under its Director, Dr. Poole, where the examination of bacteriological specimens is undertaken.

Ambulance Services

These are provided by the Cheshire County Council, assisted by the Chester City Ambulances acting as an Agency Service.

Nursing in the Home

Home Nursing is undertaken by District Nurses under the direction of the Cheshire County Council.

Clinics

County Council Clinics are provided in the following parts of the District:

Barrow:	Infant Welfare.
Great Boughton:	Infant Welfare.
Saughall:	Infant Welfare.
Ince:	Infant Welfare.
Chester:	Orthodontics, Eye and Audiology Clinics, Cervical Smears.
Christleton:	Infant Welfare.
Huntington:	Infant Welfare.
Upton:	Infant Welfare, School and Dental Clinic.

Special Rural Clinics are also available by appointment as and when required, and include the screening tests of hearing of children under one year of age.

Hospitals

The District is served by the hospitals at Chester, Barrow, Clatterbridge and Liverpool. In addition to general services, the hospital at Barrow provides special treatment for diseases of the chest.

National Statistics

The Birth Rate for England and Wales for 1970 was 16.0 per 1,000 population as compared with 16.3 for 1969.

The Death Rate for England and Wales for 1970 was 11.7 per 1,000 population. In 1969 the Death Rate was 11.9.

Infant Mortality Rate for England and Wales, i.e. deaths of infants under one year of age per 1,000 live births was 17.0.

Natural increase in population (i.e. excess of births over deaths) 1959-70—England and Wales:

YEAR	PER 1,000 POP.	YEAR	PER 1,000 POP.
1959	4.9	1965	6.5
1960	5.6	1966	6.0
1961	5.4	1967	6.0
1962	6.0	1968	5.0
1963	5.8	1969	4.4
1964	7.1	1970	4.3

CHESTER RURAL DISTRICT STATISTICS AND SOCIAL CONDITIONS

Area: 43,500 acres.

Population, mid-1970	33,040
Number of inhabited houses	10,383
Rateable Value at 1st April, 1970	£1,632,085
Product of 1d. Rate at 1st April, 1969-70	£6,650

The Council-owned houses total 1,463, and during the year Warden-controlled accommodation consisting of 19 single and 3 double flats were completed at Upton-by-Chester.

The number of private houses built in the year was 279.

EXTRACTS FROM VITAL STATISTICS FOR 1970

Births

Live Births

	MALE	FEMALE	TOTAL
Legitimate	224	232	456
Illegitimate	15	15	30

Crude Birth Rate per 1,000 population: 14.7.

Using Comparability Factor 1.04 the adjusted Birth Rate is 15.29.

Still Births

	MALE	FEMALE	TOTAL
Legitimate	2	1	3
Illegitimate	1	—	1

Rate per 1,000 Still Births: 8.0.

Total of Live and Still Births: 490.

Deaths

MALE	FEMALE	TOTAL
195	255	450

Crude Death Rate per 1,000 population: 13.6.

Using Comparability Factor of 0.77 the adjusted Death Rate is 10.47.

Deaths (due to maternal causes):

Pregnancy-Childbirth—Nil.

Deaths of Infants under one year:

	MALE	FEMALE	TOTAL
Legitimate	5	3	8
Illegitimate	1	1	2

Infant Mortality Rate, i.e. per 1,000 Live Births: 21.

Deaths of Infants under four weeks of age (neo-natal deaths):

	MALE	FEMALE	TOTAL
Legitimate	3	2	5
Illegitimate	1	1	2

Perinatal Mortality Rate (Still births and deaths under one one week) per 1,000 total live and still births: 18.

Illegitimate live births as a percentage of total live births: 6.17 per cent.

Natural increase in population (that is, excess of births over deaths) 1959-1970:

YEAR	POP.	NAT. INC. PER 1,000 POP.	YEAR	POP.	NAT. INC. PER 1,000 POP.
1959 ...	27,840 ...	2.11	1965 ...	32,500 ...	5.51
1960 ...	28,250 ...	2.3	1966 ...	33,320 ...	4.12
1961 ...	28,170 ...	2.69	1967 ...	33,850 ...	3.48
1962 ...	30,190 ...	4.5	1968 ...	33,890 ...	3.57
1963 ...	30,850 ...	2.88	1969 ...	33,570 ...	4.35
1964 ...	31,130 ...	4.27	1970 ...	33,040 ...	1.08

Table of number of Live Births and Crude Birth Rate 1959-1970:

YEAR	NO.	BIRTH RATE	YEAR	NO.	BIRTH RATE
1959 ...	425 ...	15.26	1965 ...	613 ...	18.86
1960 ...	442 ...	15.64	1966 ...	578 ...	17.35
1961 ...	476 ...	15.64	1967 ...	563 ...	17.00
1962 ...	547 ...	18.13	1968 ...	606 ...	17.90
1963 ...	539 ...	17.47	1969 ...	546 ...	16.30
1964 ...	562 ...	18.08	1970 ...	486 ...	14.70

Table of number of Deaths and Crude Death Rate 1959-1970:

YEAR	NO.	DEATH RATE	YEAR	NO.	DEATH RATE
1959 ...	366 ...	13.15	1965 ...	434 ...	13.35
1960 ...	377 ...	13.34	1966 ...	441 ...	13.23
1961 ...	400 ...	14.19	1967 ...	445 ...	13.10
1952 ...	411 ...	13.60	1968 ...	485 ...	14.30
1963 ...	450 ...	14.91	1969 ...	398 ...	11.90
1964 ...	429 ...	13.78	1970 ...	450 ...	13.60

Table of Infont Mortolity 1959-1970:

YEAR	NO.	RATE PER 1,000 BIRTHS	YEAR	NO.	RATE PER 1,000 BIRTHS
1959 ...	8 ...	18.8	1965 ...	12 ...	19.57
1960 ...	7 ...	15.8	1966 ...	8 ...	13.85
1961 ...	10 ...	21.00	1967 ...	13 ...	23.00
1962 ...	12 ...	21.00	1968 ...	6 ...	10.00
1963 ...	6 ...	11.13	1969 ...	3 ...	5.00
1964 ...	9 ...	16.00	1970 ...	10 ...	21.00

Deaths from Meosles (oll oges) ... Nil

Deaths from Whooping Cough ... Nil

Porticulers of unusul or excessive mortolity during the year:

	M	F	TOTAL	IN 1969
(i) Diseases of Heort ond Circulatory System ...	107	137	244	153
(ii) Concer ...	30	34	64	67
(iii) Voscular Lesions of Nervous System ...	4	—	4	62
(iv) Concer of Lungs (inc. in (ii) obove) ...	9	5	14	16
(v) Coronary Diseose of Heort (inc. in (i) obove) ...	58	38	96	91

CAUSES OF DEATH DURING 1970

	M	F
Tuberculosis of the Respiratory System (including late effects) ...	3	—
Syphilitic Diseoses ...	1	1
Other Infective or Parositic Diseoses ...	1	—
Cancer (oll sites) ...	30	34
Leukaemio, Aleukoemio ...	1	2
Diabetes ...	1	2

		M	F
Anaemias and other diseases of the Blood	...	2	1
Mental Disorders ... ..	...	—	3
Vascular Lesion of Nervous System	...	4	—
Diseases of Heart and Circulatory System	...	107	137
Bronchitis, Emphysema, Asthma ...	...	9	11
Pneumonia ... ..	...	18	34
Appendicitis ... ..	...	1	—
Cirrhosis of Liver ... ..	...	—	1
Other Diseases of Digestive System	...	2	6
Nephritis and Nephrosis ... ..	...	—	1
Other Diseases of Genito-Urinary System	...	2	6
Diseases of Musculo Skeletal System	...	—	3
Birth Injury, Difficult Labour, etc.	...	3	1
Congenital Malformations ... ..	...	1	3
Suicide ... ..	...	1	—
Motor Vehicle Accidents ... ..	...	2	—
All other Accidents ... ..	...	1	7
Other Defined and Ill-Defined Diseases	...	2	1
Influenza ... ..	...	1	1
Intestinal Obstruction and Hernia	...	—	1
Diseases of Skin, Subcutaneous Tissue	...	—	1
Congenital Anomalies ... ..	...	1	3

INFECTIOUS AND OTHER DISEASES

Prevalence of and Control over Infectious and other Diseases

The following notifiable diseases (other than Tuberculosis) were notified during the year:

	TOTAL CASES NOTIFIED
Scarlet Fever	5
Whooping Cough	—
Measles	112
Dysentery	23
Food Poisoning	2
Infective Hepatitis	8
Acute Meningitis	1

TUBERCULOSIS

New Cases and Mortality during 1970

Cases:

AGE PERIODS		RESPIRATORY		NON- RESPIRATORY		TOTAL
		M	F	M	F	
Under 5 years	...	—	—	—	—	—
5-14 years	...	—	—	—	—	—
15-24 years	...	—	—	—	—	—
25-34 years	...	1	—	—	—	1

35-44 years ...	...	—	1	—	—	1
45-54 years ...	...	—	2	—	—	2
55-64 years ...	...	—	—	—	—	—
65-74 years ...	...	—	—	—	—	—
75 years and over ...	...	—	1	—	—	1
Age unknown ...	...	—	—	—	—	—
Totals ...	...	1	4	—	—	5

Deaths:

AGE PERIODS		RESPIRATORY		NON-RESPIRATORY		TOTAL
		M	F	M	F	
Under 5 years ...	...	—	—	—	—	—
5-14 years ...	...	—	—	—	—	—
15-24 years ...	...	—	—	—	—	—
25-34 years ...	...	—	—	—	—	—
35-44 years ...	...	1	—	—	—	1
45-54 years ...	...	—	—	—	—	—
55-64 years ...	...	1	—	—	—	1
65-74 years ...	...	1	—	—	—	1
75 years and over ...	...	—	—	—	—	—
Age unknown ...	...	—	—	—	—	—
Totals ...	...	3	—	—	—	3

MILK SUPPLY

The routine sampling of raw milk by officials of the Cheshire County Council continued, and twenty-three notifications of evidence of Brucella infection in milk were received.

Arrangements are then made for the milk in question to be pasteurised and further samples obtained until the infected animals are found and isolated from the remainder of the herd.

I am grateful to the County Council for the following information in respect of milk samples obtained during 1970 from this area.

			TOTAL SUBMITTED	POSITIVE BRUCELLA
Bulk samples ...	...	...	87	7
Dealer samples ...	...	...	51	—
Individual Cow samples ...	...	...	347	16
			485	23

There are 12 dairy herds in the district, from which raw milk is sold to the public, 5 of which are accredited under the Brucellosis (Accredited Herds) Scheme.

CHIEF PUBLIC HEALTH INSPECTOR'S REPORT FOR THE YEAR 1970

Madam Chairman, Ladies and Gentlemen,

I have pleasure in presenting my report for 1970 and to be able to report that the disposable bag system of refuse collection introduced last year, which covers all domestic premises, is working satisfactorily and is a system appreciated both by the refuse collectors and members of the public, eliminating as it does the noise associated with metal dust-bins together with the absence of dust and the reduction in weight for the collector.

The routine work of the department has proceeded satisfactorily and regular inspections of food premises has ensured that a high standard is maintained although it was necessary on one occasion to institute proceedings for contravention of The Food Hygiene (General) Regulations.

Particular attention has also been given during the year to noise problems associated with the use of pneumatic drills, compressors, etc. and the users of this type of equipment have been prevailed upon to use baffles and silencers which are readily available.

Once again the usual troubles have been experienced by the unauthorised use of roadside verges by itinerant travellers and the department have been hard pressed at times to find staff available to clear away the rubbish left behind when the itinerants move on. The Cheshire County Council are, however, investigating the possibility of providing sites.

In conclusion, I would express my personal thanks to the Chairman, Mrs. E. Park-Taylor, for her considerable help and interest in the department and also to the staff for their loyalty and support.

I am,

Madam Chairman,

Ladies and Gentlemen,

Your Obedient Servant,

E. CLARKSON,

Chief Public Health Inspector.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply

The Wirral Water Board, the Chester Waterworks Co. and the Wrexham and East Denbighshire Waterworks Co. supply mains water throughout the district; the natural fluoride content of this water is negligible and none is added by the various Water Boards.

The two unsatisfactory samples were obtained from a private dwelling house but after the supply taps had received attention repeat samples proved satisfactory.

The following table gives details of samples taken:

	NO. TAKEN	SATIS- FACTORY	UNSATIS- FACTORY
Bacteriological Samples (Mains)	27	25	2
Chemical Samples (Mains)	3	3	—
	<hr/> 30	<hr/> 28	<hr/> 2

The number of dwellings and estimated population provided with a mains supply is given below:

PARISH	NO. OF DWELLINGS	EST. POP. SUPPLIED
Aldford	93	325
Bache	27	95
Backford	47	165
Barrow	302	1057
Bridge Trafford	13	45
Buerton	17	59
Capenhurst	103	360
Caughall	3	10
Chester Castle	1	2
Chorlton	24	84
Christleton	805	2817
Churton Heath	5	16
Claverton	2	6
Dodleston	122	427
Dunham Hill	160	560
Eaton	25	78
Eccleston	90	315
Elton	357	1249
Great Boughton	2500	8750
Guilden Sutton	229	809
Hapsford	28	91
Hoole Village	102	350
Huntington	401	1399
Lea-by-Backford	56	196
Lea Newbold	7	23

Total number of visits of all kinds by Inspectors to registered premises under the Act—279.

(B) Analysis of Contraventions

SECTION					NUMBER OF CONTRAVENTIONS FOUND
4	Cleanliness	...	...	...	2
5	Overcrowding	...	...	...	—
6	Temperature	...	...	...	4
7	Ventilation	...	...	...	—
8	Lighting	...	...	...	—
9	Sanitary Conveniences	...	...	...	1
10	Washing Facilities	...	...	...	2
11	Supply of Drinking Water	...	...	...	—
12	Clothing Accommodation	...	...	...	—
13	Seating Facilities	...	...	...	—
14	Seats (Sedentary Workers)	...	...	...	—
15	Eating Facilities	...	...	...	—
16	Floors, Passages and Stairs	...	...	...	2
17	Fencing Exposed Parts, Machinery	...	...	...	—
18	Protection of Young Persons from Dangerous Machinery	...	...	...	—
19	Training of Young Persons working at Dangerous Machinery	...	...	...	—
23	Prohibition of Heavy Work	...	...	...	—
24	First Aid General Provisions	...	...	...	12
Total					23

All the contraventions found during the year were dealt with informally and remedied.

HOUSING

During the year 68 casual vacancies occurred, which includes 11 re-lettings to employees of the United Kingdom Atomic Energy Authority, 3 re-lettings to Western Command staff and 3 to staff at the Deva Hospital, and out of the remaining 51 vacancies, 4 premises were allocated to the occupants of property subject to Housing Act procedure. Also during the year approval was given for 6 exchanges involving Council house tenants.

The flatlets for the elderly at Upton consisting of 19 single and 3 double flats with a further double flat for the Warden were completed during the year and have proved to be in great demand, although there is a certain reluctance from elderly occupants of large Council houses to move to this type of accommodation, but several tenants who did apply and were

granted the tenancy of a flatlet have informed me on many occasions how delighted they are with their present accommodation.

The Warden of these flatlets now called Arderne House is Mrs. Cadman and credit must be given to her for the pleasant atmosphere which prevails and for the high standards maintained.

A Council estate at Saughall is now under construction and will consist of 30 houses, 8 bungalows and a further block of flats similar to Arderne House.

During the year the Council resolved to sell Council houses and up to December, 1970, numerous tenants had made enquiries with a view to purchasing.

Council houses are distributed in the area as follows:

PARISH	NUMBER OF HOUSES					
Backford	23
Barrow	48
Capenhurst	22
Christleton	98
Christleton (Bungalows)	12
Christleton (Flats)	12
Dodleston	35
Dunham-on-the-Hill	56
Elton	24
Great Boughton	155
Guilden Sutton	46
Hapsford	6
Huntington	58
Lea-by-Backford	8
Lea Newbold	2
Littleton	24
Little Stanney	6
Lower Kinnerton	10
Mickle Trafford	42
Mollington	10
Pulford	26
Saughall	256
Shotwick	2
Stoak	30
Stoak (Flats)	4
Thornton-le-Moors	22
Upton-by-Chester	374
Upton-by-Chester (Flats)	34
Upton-by-Chester (Arderne House)	22
Wimbolds Trafford	14
Woodbank	4
Total						1485

REFUSE COLLECTION AND DISPOSAL

The regular weekly collection of refuse from all premises in the district has continued together with an increased number of chargeable collections from trade and business premises, the income from these special collections amounted to £1,170.39, plus an additional income from the sale of plastic containers and bin liners of £152.08.

Details of staff and vehicles employed in the service are given below and it is pleasing to report that very few staffing problems arose, due I am convinced, mainly to the disposable bag system of refuse collection which has eliminated the noisy, heavy and in many cases insanitary metal dustbin, also the messroom and showers are appreciated by the men who make full use of these facilities.

Staff

Foreman	...	...	...	...	...	...	1
Drivers	...	...	...	...	...	...	5
Relief Drivers	...	...	...	...	...	...	2
Refuse Collectors	...	...	...	...	...	...	13
Depot	...	...	...	...	...	...	2
Tip Controllers	...	...	...	...	...	...	2
Maintenance Mechanic	...	...	...	...	...	...	1

Vehicles

19/60 Muskateer Vehicle	...	...	...	...	...	1
60 cu. yd. Pakamatic Vehicle	...	...	...	...	...	1
35 cu. yd. Pakamatic Vehicles	...	...	...	...	...	2
20 cu. yd. Pakamatic Vehicle (Spare Vehicle)	...	...	...	...	...	1
35 cu. yd. Fore and Aft Tipper with Pressure Plate (Special Collection)	...	...	...	...	...	1
Drott Crawler Tractor	...	...	...	...	...	1
35 cwt. Dumper Truck	...	...	...	...	...	1
5 cwt. Van	...	...	...	...	...	1
Total						9

Details are given below of the number of men who were engaged and left the service during the year:

	MEN
Interviewed at office and offered employment	14
Number of previous figure who reported for duty	10
Number of men who started and left within the year	10

Of these 10 men:

6 left within the first month.

1 left within two months.

1 left within six months.

2 left after working between six and twelve months.

4 men who were engaged did not report for duty.

The controlled tipping of domestic waste is carried out on land at the rear of the Deva Hospital and I consider that in approximately three to four years this tip will be completed and a matter of some concern is the fact that an area of land adjacent to this tip, an which it was expected to tip in conjunction with Chester, will probably not be available due to the fact that the existing City tip will be completed before the Rural District tip and the City refuse will, therefore, have to be deposited on this remaining relatively small area of land, because of this, I am hopeful that the continuing meetings at Officer level will result in progress being made towards a joint scheme for the incineration of refuse, which in my opinion, as far as this area is concerned, is the only long-term answer to the problem.

What appears to be an ever increasing amount of rubbish of all types continues to be dumped in ditches and on roadside verges and a considerable amount of time and money is spent in removing these accumulations as quickly as possible and one can only hope that as people become more aware of their environment by publicity, and the problems created by such indiscriminate dumping, that they will cease this objectionable practice.

During the year approximately 12,000 bin liners are collected weekly from domestic premises and in addition the special collection vehicle made 1,609 calls to collect unwanted bulky household waste.

The refuse vehicles covered a total of 48,115 miles and the total cost of the refuse collection and disposal service was £68,524.00.

Cesspool Emptying

The practice of emptying private septic tanks and cesspools at a standard charge of £1.00 was continued, business premises being charged on a time and mileage basis. The various Council sewerage plants are also emptied when necessary and a small number of pail closets, in cases where the person concerned is physically incapable of performing this task.

A service is also provided for clearing choked drains at private dwellings at a fixed charge of £1.00.

Details of work carried out

Number of septic tanks and cesspools emptied ...	105
Number of private drains cleared	88
Vehicle mileage during the year	5,512

Abandoned Vehicles

During the year action was taken under the Civic Amenities Act and various Regulations to secure the removal of motor vehicles apparently abandoned in the district, and the following table gives details of the action taken:

Number of cars removed by Local Authority	...	35
Number of cars removed by owner	... ..	18
		<hr/> 53 <hr/>

The removal of the 35 cars abandoned in the district was carried out by a local scrap dealer at no cost to the Council.

Meat Inspection

There is one private licensed slaughterhouse in the area situated at Chorlton-by-Bockford, and as in previous years a certain amount of slaughtering has taken place outside normal working hours.

The income during the year for meat inspection amounted to £591.89.

Carcases Inspected and Condemned

	BEASTS	CALVES	SHEEP AND LAMBS	PIGS	TOTAL
No. killed	... 2210	15	8273	3441	13939
No. not inspected	—	—	—	—	—

All Diseases except Tuberculosis and Cysticerci

Whole carcasses condemned	... 4	5	1	5	15
Carcasses of which some part of organ was condemned	... 738	1	827	791	2357

Tuberculosis only

Whole carcasses condemned	... —	—	—	—	—
Carcasses of which some part or organ was condemned	... —	—	—	7	7

	BEASTS	CALVES	SHEEP AND LAMBS	PIGS	TOTAL
Cysticerici					
Carcases of which some part or organ was con- demned ...	6	—	—	—	6
Carcases sub- mitted to refrig- eration ...	6	—	—	—	6
Generalised and totally condemned	—	—	—	—	—

Unsound Food Surrendered or Condemned

			TONS	CWTS.	LBS.
Meat at Slaughterhouses ...	...	...	7	6	3
Meat at Wholesale Premises ...	...	...	—	—	—
Meat at Retail Shops ...	...	...	—	—	—
Fish ...	...	...	—	—	—
Canned Foods ...	...	...	—	—	54
Other Foods ...	...	...	—	3	105
			7	10	50

Poultry Inspection

There are no poultry processing premises within the district.

School Inspections

All schools in the area, including private and kindergarten schools, receive regular inspections under the provisions of The Standards for School Premises Regulations, 1959, and where applicable The Food Hygiene (General) Regulations, 1960.

Common Lodging Houses

There are no Common Lodging Houses in the area.

Clean Air Act

Regular observations are made of the few industrial chimneys in the area but no contraventions were noted.

During the year a number of complaints were received in respect of smoke and foul odours emitted by the burning of garden refuse but following visits from the public health inspectors, the persons agreed to an alternative means of disposal less objectionable to their neighbours.

Rodent Control

There was one operative employed in the area during the year who is supplied with a 5 cwt. van. The following table summarises the visits made:

Private Dwellings	...	...	...	...	819
Agricultural Premises	...	...	...	...	124
Business Premises	...	...	...	...	168
Contracts	...	...	...	...	1569
Local Authority	...	...	...	...	168
Sewage Disposal Works	...	...	...	...	96
Refuse Tip	...	...	...	...	45
					<hr/> 2989 <hr/>

Number of poison baits laid: 9,269.

Income from Contracts for the eradication of rats: £1,203.77.

Ice Cream

There are 43 premises registered for the storage and sale of ice cream.

The following samples were obtained during the year with the results as indicated:

Number of samples	Grade 1	...	...	...	15
Number of samples	Grade 2	...	...	...	3
Number of samples	Grade 3	...	...	...	—
Number of samples	Grade 4	...	...	...	—
					<hr/>
Total samples	...	...	...	...	18 <hr/>

Food complaints

Arising out of complaints made at the office, the following investigations were carried out with the action as indicated:

COMPLAINT		ACTION TAKEN
Diesel oil on raw carrots	...	Dealer and farmer cautioned and given advice in order to prevent recurrence.
Nail in fruit tea-cake	...	Manufacturer interviewed.
Fly in corned beef	... ..	Manufacturers contacted.
Piece of metal in stick of rock		Manufacturer fined £25.00.
Fly in tin of Spam	... ..	Manufacturers contacted.
Alleged mould in ice cream cone biscuit	... ..	No action necessary.
Can of sliced green beans	...	Manufacturer contacted.

Bitter lemonade	...	...	Manufacturer cautioned.
Piece of broken glass in bottle of milk	...	...	Dealer cautioned.
Dirty milk bottle	...	...	Dealer cautioned.
Dirty milk bottle	...	...	Company cautioned.
Dirt in milk and dirty bottle			Company cautioned.
Dirty milk bottle	...	...	Company cautioned.
Dirty milk bottle	...	...	Company cautioned.
Dirt in bottle of milk	...	...	Company cautioned.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

There are 13 licensed residential caravan sites in the district involving a total of 238 caravans.

During the year detailed inspections of these sites were carried out in order to ensure that the Site Licence Conditions were being complied with.

Only slight infringements were noted which were soon remedied, and it was not necessary during the year for proceedings to be taken under the above Act.

HOUSING AND PUBLIC HEALTH ACTS

Number of houses rendered fit

		SECTION 9, 10, 16 AND 24 HOUSING ACT 1957		PUBLIC HEALTH AND SIMILAR LOCAL ACTS		TOTALS	
		INFORMAL	FORMAL	INFORMAL	FORMAL	INFORMAL	FORMAL
(a) By Owner	—	—		325	3	325	3
(b) By Local Authority	—	—		—	—	—	—
	—	—		325	3	325	3

HOUSING ACT 1957

Individual Unfit Houses

Number of Undertakings accepted (Section 16)	...	—
Number of Closing Orders made (Section 17)	...	—
Number of Demolition Orders made (Section 17)	...	4
Number of Closing Orders made (Section 18)	...	—
Number of Houses demolished in Clearance Areas		6

Number of Houses demolished following Demolition							
Orders	...	...	...	...	...	...	8
Number of people displaced:							
(a) Individuals	...	...	...	...	...	...	6
(b) Families	...	...	...	...	...	...	4

Housing Act, 1969

Thirty-two applications for Qualification Certificates were received and dealt with as indicated:

Qualification Certificates issued	...	...	...	24
Applications refused	...	...	...	7
Provisional Certificate issued	...	...	...	1

Animal Boarding Establishments Act, 1963

There are five boarding establishments licensed under the above Act and periodic inspections are made of the premises concerned.

Petroleum (Regulation) Acts, 1928-1936

Eighty licences were issued by this Authority for the storage of petroleum spirit at premises in the district and routine inspections of licensed premises are carried out by the Public Health Inspectors and officials of the Cheshire County Fire Brigade. As a result of these inspections, pressure tests are applied to storage tanks and pipelines when considered necessary.

Food Hygiene (General) Regulations, 1960

Frequent visits are made to all food premises in the district including schools and hospital kitchens and the general standard is satisfactory, although it was necessary to institute proceedings in respect of one premises, the owner pleading guilty to eight contraventions of the above Regulations.

In accordance with the Department of Health and Social Security Circular 1/71 the premises are set out in detail below:

							TOTAL NO.
Cafes and Restaurants	...	...	...	...	...	...	18
Food Preparation Premises	...	...	...	...	...	...	55
Bakehouses	...	...	...	...	...	...	2
Public Houses	...	...	...	...	...	...	27
Shops	...	...	...	...	...	...	50
Total						...	152

Summary of Visits made

The following information gives in detail the number of visits and inspections carried out by the Public Health Inspectors during the year:

Public Health Act	...	...	...	...	703
Food and Drugs Act and Food Hygiene	...	...	...	...	246
Drainage	...	...	...	...	386
Petroleum Regulations	...	...	...	...	147
Caravan Sites	...	...	...	...	122
Slaughterhouse	...	...	...	...	287
Infectious Disease	...	...	...	...	321
Refuse Collection and Disposal	...	...	...	...	596
House Inspection and House Letting	...	...	...	...	398
Factories Act	...	...	...	...	55
Offices, Shops and Railway Premises Act	...	...	...	...	70
Smoke Abatement	...	...	...	...	16
Civic Amenities	...	...	...	...	213
Prevention of Damage by Pests	...	...	...	...	145
Animal Boarding Establishments	...	...	...	...	8
Street Nameplates	...	...	...	...	47
Schools Inspections	...	...	...	...	26
Ice Cream Samples	...	...	...	...	33
Water Supply	...	...	...	...	57
Noise Abatement	...	...	...	...	11
Food Complaints	...	...	...	...	28
Milk and Dairies Regulations	...	...	...	...	8
Scrap Metal Dealers Act	...	...	...	...	1
Mobile Shops	...	...	...	...	1
Miscellaneous Visits	...	...	...	...	40
Pre-School Play Groups	...	...	...	...	14
Claims	...	...	...	...	7
Public Health Laboratory	...	...	...	...	21
City Health Dept.	...	...	...	...	1
Sewerage Disposal	...	...	...	...	22
Litter Baskets	...	...	...	...	6
Lay-bys	...	...	...	...	3
Boarding Establishments	...	...	...	...	1
Explosives Act	...	...	...	...	9
Depot	...	...	...	...	161
District Survey	...	...	...	...	29
Nursing Home	...	...	...	...	1
Itinerants	...	...	...	...	44

Food and Drugs Act, 1955

The following information has been supplied by Mr. W. K. Nattrass, Chief Inspector of Weights and Measures, Cheshire County Council, in respect of samples obtained in this area during 1970.

NAME OF SAMPLE	NO. OBTAINED	NO. ADULTERATED OR NOT UP TO THE RECOGNISED STANDARD OR QUALITY
Apples	1	
Baby Food (Bone & Veg. Broth)	1	
Baby Food (Veal Dinner) ...	1	
Baby Food (Veg. & Beef) ...	1	
Bay Leaves	1	
Beef Spread	1	
Bicarbonate of Soda ...	1	
Brandy	1	
Butter	3	
Cayenne	1	
Cheese (Cheshire)	1	
Cheese (Grated)	1	
Cheese (Parmeson)	1	
Cinnamon (Ground) ...	1	
Cochineal	1	
Coconut (Dessicated) ...	1	
Coffee (Ground)	1	
Coffee (Inst.)	1	
Colesdan Dressing	1	
Cream (Dairy)	2	
Cream (Double)	1	
Cream (Longlife)	1	
Cream of Tartar	1	
Currants	1	
Curry Powder	1	
Dripping (Beef)	1	
Ferromyn Tablets	1	
Fish Dressing	1	
Flour (Plain)	1	
Gelatine	1	
Ginger	1	
Gravy Browning	1	
Horseradish (Creamed) ...	1	
Hydrogen Peroxide	1	
Jam (Blackcurrant)	1	
Jam (Strawberry)	2	
Jelly	1	
Ice Cream	1	

NAME OF SAMPLE	NO. ADULTERATED OR NOT UP TO THE RECOGNISED STANDARD OR QUALITY	
	NO. OBTAINED	
Ice Cream (Cornish Dairy) ...	1	
Ice Cream Powder ...	1	
Ice Lolly Mixture ...	1	
Lard ...	1	
Lemon (Bitter) ...	1	
Lettuce ...	1	
Liquorice Allsorts ...	1	
Milk ...	87	2
Milk (Condensed) ...	1	
Milk (Evaporated) ...	1	
Milk Shake Syrup ...	1	
Mincemeat ...	1	
Mint (Dried) ...	1	
Mousse ...	1	
Mushrooms ...	2	
Onion Sauce Mix ...	1	
Onions (dried) ...	1	
Orange Drink ...	2	
Pepper ...	1	
Potatoes ...	1	
Potatoes (tinned) ...	1	
Raspberryade ...	1	
Salt (Onion) ...	1	
Salts (Epsom B.P.) ...	2	
Sausage Pork (F.) ...	1	
Sausages (Hot Dog) ...	1	
Soup (Cream of Chicken) ...	1	
Soup (Creame of Tomato) ...	2	
Soup (Veg.) ...	1	
Steak (Stewed) ...	1	
Strawberries (tinned) ...	1	
Sweets (Dolly Mixtures) ...	1	
Sweets (Dragees) ...	1	
Thyme and Parsley ...	1	
Tomato Piquant ...	1	
Tomato Puree ...	2	
Treacle (Black) ...	1	
Vodka ...	1	
Whisky ...	1	
Yoghurt (Strawberry) ...	1	
	<hr/> 173 <hr/>	<hr/> 2 <hr/>

Particulars of Samples not up to Standard 1970

FROM	DATE	NATURE	REMARKS
Housewife	21.7.70	Milk contaminated with foreign matter (animal hairs and some vegetable tissue)	Bottlers cautioned

NO.	SAMPLE	RESULT OF ANALYSIS	REMARKS
1.	Milk	Contained 3.5% extraneous water, fat = 3.7% solids not fat = 8.2%	Producer cautioned

FACTORIES ACT 1961

The following table gives details of the inspections carried out of the various factories in the district during the year. The 7 defects noted were remedied after the owner's attention had been drawn, by letter, to the work required.

	PREMISES	NO. ON REGISTER	INSPECT- IONS	NO. OF WRITTEN NOTICES	OCCUPIERS PROSECUTED
	(1)	(2)	(3)	(4)	(5)
(i)	Factories in which Section 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	3	3	—	—
(ii)	Factories not included in (i) in which Section 7 is enforced by Local Authority	46	73	1	—
(iii)	Other premises in which Section 7 is enforced by Local Authority (excluding outworkers' premises)	17	17	—	—
		<hr/> 66 <hr/>	<hr/> 93 <hr/>	<hr/> 1 <hr/>	<hr/> — <hr/>

PARTICULARS	NUMBER OF CASES IN WHICH DEFECTS WERE FOUND				REFERRED		NUMBER OF CASES IN WHICH PROSEC'NS WERE IN-STITUTED
	FOUND	REMEDIED	INSPECTOR	INSPECTOR	TO H.M.	BY H.M.	
Want of cleanliness (S.1.)	4	4	—	—	—	—	—
Overcrowding (S.2.)	—	—	—	—	—	—	—
Unreasonable temp. (S.3.)	—	—	—	—	—	—	—
Inadequate ventilat-ion (S.4.) ...	1	1	—	—	—	—	—
Ineffective drainage of floors (S.6.) ...	—	—	—	—	—	—	—
Sanitary Conveniences (S.7.):							
(a) Insufficient ...	—	—	—	—	—	—	—
(b) Unsuitable or defective ...	3	3	—	—	—	—	—
(c) Not separate for sexes ...	—	—	—	—	—	—	—
Other offences against the Act (not inc. offences relating to Out-work)	—	—	—	—	—	—	—
Total	8	8	—	—	—	—	—

Outwork

There are seven outworkers on the register.

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